

# Triggering SonarQube on Hudson Job

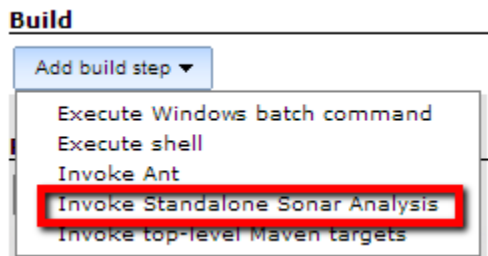
## Table of Contents

- Triggering a SonarQube Analysis with the SonarQube Runner
- Triggering a SonarQube Analysis with Maven

For each job, configure an analysis using either the Build Step or the Post Build Action. You do not need both.

## Triggering a SonarQube Analysis with the SonarQube Runner

Go to the *Build* section, click on *Add build step* and choose *Invoke Standalone Sonar Analysis*:



Configure the SonarQube analysis. You can either point to an existing *sonar-project.properties* file or set the analysis properties directly in the *Project properties* field:

**Build**

---

**Invoke Standalone Sonar Analysis**

Sonar Installation:

JDK:

JDK to be used for this sonar analysis

Sonar Runner:

Path to project properties:

Project properties:

JVM Options:

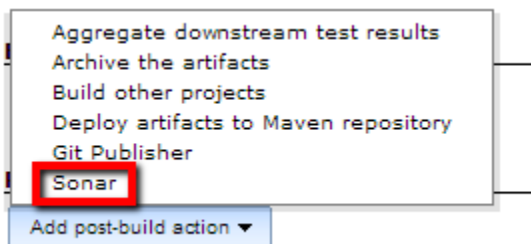
## Parameters:

Properties	Description
Sonar Installation	Mandatory. Which SonarQube installation to use. To manage SonarQube installations, see <a href="#">Configuring SonarQube Hudson Plugin</a> .
JDK	Optional. The JDK to use for the SonarQube analysis (by default, it is inherited from the job).

<b>Sonar Runner</b>	Mandatory. Which SonarQube Runner to use to launch the analysis. To manage SonarQube Runners, see <a href="#">Configuring SonarQube Hudson Plugin</a> .
<b>Path to project properties</b>	Optional. Relative path of the project properties file.
<b>Project properties</b>	<p>Mandatory if 'Path to project properties' is not set. The properties of the SonarQube analysis. The properties defined here will override the ones defined in the project properties file.</p> <pre> # required metadata sonar.projectKey=my:project sonar.projectName=My project sonar.projectVersion=1.0  # path to source directories (required) sonar.sources=srcDir1,srcDir2  # path to test source directories (optional) sonar.tests=testDir1,testDir2  # path to project binaries (optional), for example directory of Java bytecode sonar.binaries=binDir  # optional comma-separated list of paths to libraries. Only path to JAR file and path to directory of classes are supported. sonar.libraries=path/to/library.jar,path/to/classes/dir  # The value of the property must be the key of the language. sonar.language=cobol  # Additional parameters sonar.my.property=value </pre> <p>See <a href="#">Analyzing with SonarQube Runner</a> for detailed information on configuring a SonarQube analysis with the SonarQube Runner.</p>
<b>JVM_OPTIONS</b>	The JVM parameters used when executing the SonarQube Runner.

## Triggering a SonarQube Analysis with Maven

On a Maven job, go to the 'Post-build Actions' section and click on 'Add post-build action':



Then configure this post-build action:

- Choose the *Sonar Installation*:

## Post-build Actions

### Sonar

Sonar Installation

- Fill in the 'Advanced...' parameters as needed:

### Post-build Actions

#### Sonar

Sonar Installation

Branch

Optional sonar.branch property.

Language

Default is java

JDK

JDK to be used for this sonar analysis

MAVEN\_OPTS

MAVEN\_OPTS env var to provide, if not set the plugin will use the MAVEN\_OPTS defined by the maven builder config.

Additional properties

Additional properties to be passed to the mvn executable (example: -Dsome.property=some.value).

Don't use global triggers configuration

## Parameters:

Properties	Description
<b>Sonar Installation</b>	Mandatory. SonarQube installation to use. To manage SonarQube installations, see <a href="#">Configuring SonarQube Hudson Plugin</a> .
<b>Branch</b>	Optional. sonar.branch property. See <a href="#">Analysis Parameters</a> for more information.
<b>Language</b>	Mandatory. sonar.language property.
<b>MAVEN_OPTS</b>	Optional. To specify JVM options needed when launching Maven as an external process. See <a href="#">MAVEN_OPTS documentation</a> . Shell-like environment variable expansions work in this field, by using the <code>\${VARIABLE}</code> syntax.
<b>JDK</b>	Optional. The JDK to use for the SonarQube analysis (by default, it is inherited from the job).
<b>Additional properties</b>	Optional. Additional properties can be set. See <a href="#">Analysis Parameters</a> for detailed documentation on these additional properties.
<b>Don't use global triggers configuration</b>	If checked, overrides the default trigger actions set at SonarQube installation level.